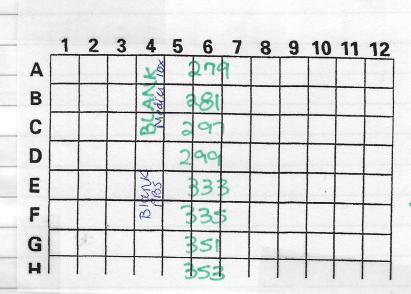
EXHIBIT B20 Part 4



Ri-measure medie protein

1-19-18

· 10x diluted samples
redia was 10x as blank
' word 25 up to detect

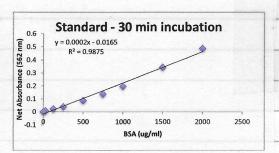
	1	2	3	4	5	6	7	8	9	10	11	12		PV
A							23	79	3	3	3	5		
В						1	a	70	7	3	350)		11
C							2	81		3	51	•		4
D			e e				3	96		3	5.	3		
E							0)	(9)	7	Ly	as?	WH	er	
F							00	290		Ly	sisf	Suffa	u+	talc
G							3	32			4.7			
H				, 4			3	33						

protein > New contol

44x200= 9800 176

Go topg []

	Concentr						
	ation					Corrected	
Standard ID	(ug/ml)	OD1	OD2	OD3	Average	Avg	
A	2000	0.5869	0.5848	0.5562	0.575967	0.4874	
В	1500	0.4457	0.4211	0.3533	0.4334	0.344833	
C	1000	0.3213	0.2774	0.2593	0.286	0.197433	
D	750	0.2473	0.2199	0.2128	0.226667	0.1381	
E	500	0.181	0.1759	0.1713	0.176067	0.0875	
F	250	0.1328	0.1252	0.1256	0.127867	0.0393	
G	125	0.1105	0.112	0.1116	0.111367	0.0228	
Н	25	0.1004	0.0941	0.0953	0.0966	0.008033	
1	5	0.0845	0.0846	0.0941	0.087733	0	
J (BLANK)	0	0.0881	0.0884	0.0892	0.088567	0	



TOV112D 72 hr unt TOV112D 72 hr control TOV112D 72 hr 1000	ID 278 279	OD1 0.6692 0.2121	OD2 0.6792 0.2206	OD3 0.6667 0.2113	Corr OD1 0.559867 0.102767	Corr OD2 0.6792 0.2206	Corr OD3 0.6667 0.2113	ug/ul 1 28.81833 5.963333	ug/ul 2 34.785 11.855	ug/ul 3 34.16 11.39	Average 34.4725 11.6225	how much was used 3.42 14.23	ug used 117.9 165.4
ug/ml Talc Ov90 72 hr unt 72 hr OV90 72 hr control	281 296 297	0.1866 0.3372 0.3217	0.1902 0.3405 0.3231	0.189 0.3354 0.3255	0.077267 0.227867 0.212367	0.1902 0.3405 0.3231	0.189 0.3354 0.3255	4.688333 12.21833 11.44333	10.335 17.85 16.98	10.275 17.595 17.1	8.432778 15.88778 17.04	20.21 7.94 8.33	170.4 126.1 141.9
Ov90 72 hr 1000 ug/ml Talc TOV-121G unt TOV-21G 72 hr control TOV-21G 72 hr 1000	299 332 333	0.2813 0.4161 0.3031	0.282 0.4393 0.3039	0.2785 0.452 0.3238	0.171967 0.306767 0.193767	0.282 0.4393 0.3039	0.2785 0.452 0.3238	9.423333 16.16333 10.51333	14.925 22.79 16.02	14.75 23.425 17.015	14.8375 23.1075 14.51611	10.73 5.61 9.70	159.2 129.6 140.8
ug/ml Talc Normal Ov Epithelial 72	335	0.1847	0.1856	0.19	0.075367	0.1856	0.19	4.593333	10.105		8.341111	27.47	229.1
hr unt Normal Ov Epithelial 72 hr control	350 351	0.2227	0.2338	0.2367	0.113367	0.2338	0.2367	6.493333 6.793333	12.515	12.66 12.835	12.5875	13.71	172.6 181.3
Normal Ov Epithelial 72 hr 1000 ug/ml talc Lysis buffer blank Lysis buffer+talc blank	353	0.2277 0.1102 0.1073	0.2391 0.1083 0.1068	0.2432 0.1095 0.1059	0.118367 0.109333 -0.00203	0.2391	0.2432	6.743333	12.78		9.761667	12.94	126.3

Remeasured Media Protein - 10x diluted using 25ul standard

Samples		Raw 1	Raw 2	Raw 3	Corr 1	Corr 2	Corr 3	ug/ul 1	ug/ml 2	ug/ml 3	Avg	xdf	used	used	
	279	0.7155	0.7569	0.7571	0.6192	0.6606	0.6608	0.490545	0.528182	0.528364	0.515697	5.15697	92.992174	479.5578	
	281	0.7067	0.7139	0.7356	0.6104	0.6176	0.6393	0.482545	0.489091	0.508818	0.493485	4.934848	87.280476	430.7159	
	297	1.1257	1.1418	1.1656	1.0294	1.0455	1.0693	0.863455	0.878091	0.899727	0.880424	8.804242	58.801368	517.7015	
	299	1.1303	1.1325	1.1842	1.034	1.0362	1.0879	0.867636	0.869636	0.916636	0.884636	8.846364	60.557443	535.7132	
	333	0.7006	0.7217	0.7401	0.6043	0.6254	0.6438	0.477	0.496182	0.512909	0.495364	4.953636	83.231246	412.2973	
	335	0.7315	0.7361	0.7684	0.6352	0.6398	0.6721	0.505091	0.509273	0.538636	0.517667	5.176667	89.314713	462.3525	
	351	0.9217	0.9433	0.9655	0.8254	0.847	0.8692	0.678	0.697636	0.717818	0.697818	6.978182	67.973964	474.3347	
	353	0.9401	0.9952	1.0083	0.8438	0.8989	0.912	0.694727	0.744818	0.756727	0.732091	7.320909	71.353555	522.3729	
Blank-10x media		0.7339	0.7117	0.7024	0.6376	0.7117	0.7024	0.70705							
Diank DDC		0.0044	0,000	0.005	0.0000										

and then adjusted CA125 leubs pg 18

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CA125 - recalc. for SKI abstract

1/12/20	018																
						Corrected	Corrected					Standard	Corrected per ug	Corrected per ug	Corrected per ug		
IEDIA OV112D 72 hr control	Samples	OD1			OD1 (DD2	OD3	CA125 U/ml	CA125 U/ml	CA125 U/ml	Average	Deviation	protein	protein	protein	Average	SE
	27			0.0969	0.03735	0.02185	0.03025	5.13076923	2.74615385	4.03846154	4.58461538	0.77237818	0.01069896	0.00572643	0.00842122	0.00707	0.00
OV112D 72 hr 1000 ug/ml Talc	28		0.0742	0.0838	0.01395	0.00755	0.01715	1.53076923	0.54615385	2.02307692	1.77692308	0.34811411	0.00319204	0.00113887	0.00421863	0.00371	0.00
V90 72 hr control	29		0.1046	0.1321	0.03925	0.03795	0.06545	5.42307692	5.22307692	9.45384615	5.32307692	0.14142136	0.01130849	0.01089144	0.01971367	0.00311	0.00
v90 72 hr 1000 ug/ml Talc	291		0.0906	0.1316	0.03955	0.02395	0.06495	5,46923077	3.06923077	9.37692308	4.26923077	1.69705627	0.01140474	0.00640013	0.01955327	0.01548	0.00
OV-21G 72 hr control	33:		0.0716	0.0942	0.00575	0.00495	0.02755	0.26923077	0.14615385	3.62307692	0.20769231	0.08702853	0.00056141	0.00030477	0.00755504	0.00043	0.00
OV-21G 72 hr 1000 ug/ml Talc	33		0.077	0.0856	0.00945	0.01035	0.01895	0.83846154	0.97692308	2.3	0.90769231	0.09790709	0.00174841	0.00203713	0.00733304	0.00043	0.00
ormal Ov Epithelial 72 hr control	35		0.0943	0.1001	0.03365	0.02765	0.03345	4.56153846	3.63846154	4.53076923	4.54615385	0.02175713	0.00951197	0.00203713	0.00479008	0.00169	0.00
ormal Ov Epithelial 72 hr 1000 ug/ml talc	353		0.092	0.1331	0.04395	0.02535	0.06645	6.14615385	3.28461538	9.60769231	4.71538462	2.02341325	0.01281629	0.00684926	0.02003448	0.01643	0.00
	ь	0.0661	0.0672		0.06665										0.02000710	0.01010	0.00
17/2018	Lysate																
													Corrected	Corrected	Corrected		
	Samples	OD1	-				Corrected					Standard	per ug	per ug	per ug		
OV112D 72 hr unt			OD2 O	D3 (OD3			CA125 U/ml	Average	Deviation	protein	protein	protein	Average	SI
OV112D 72 hr control	278		0.1904		0.0476	0.0382		6.70769231	5.26153846		5.98461538	1.02258519	0.05689502	0.04462866		0.0508	0.0
OV112D 72 hr 1000 ug/ml Talc			0.1749	0.171	0.0807	0.0919	0.088	11.8		12.9230769	13.2230769	0.42426407	0.0713473	0.08176568	0.07813785	0.0800	0.00
v90 72 hr unt 72 hr	281		0.1175	0.1221	0.0358	0.0345	0.0391	4.89230769	4.69230769	5.4	4.99487179	0.36482413	0.02870627	0.02753275	0.03168522	0.0293	0.0
V90 72 hr control	296		0.1971	0	0.0456	0.0449		6.4	6.29230769		6.34615385	0.07614996	0.05073367	0.04987998		0.0503	0.00
v90 72 hr 1000 ug/ml Talc	297		0.1479	0.1689	0.063	0.0649	0.0859	9.07692308	9.36923077	12.6	9.22307692	0.20669275	0.06394757	0.0660069	0.0887679	0.0650	0.00
0V-21G unt	299		0.13	0.1506	0.0541	0.047	0.0676	7.70769231	6.61538462	9.78461538	7.16153846	0.77237818	0.04841321	0.04155226	0.06145869	0.0505	0.0
OV-21G unt OV-21G 72 hr control	332		0.179	0.199	0.0353	0.0268	0.0468	4.81538462	3.50769231	6.58461538	4.16153846	0.9246781	0.03714627	0.02705862	0.05079425	0.0321	0.00
DV-21G 72 hr control DV-21G 72 hr 1000 ug/ml Talc	333		0.1269	0.1289	0.0544	0.0439	0.0459	7.75384615	6.13846154	6.44615385	6.29230769	0.21757132	0.05506747	0.04359508	0.0457803	0.0447	0.00
	335		0.0889	0.0907	0.017	0.0059	0.0077	2	0.29230769	0.56923077	0.43076923	0.19581419	0.00872866	0.00127573	0.00248431	0.0042	0.00
ormal Ov Epithelial 72 hr unt	350		0.2874	0.2328	0.1011	0.1352	0.0806	14.9384615	20.1846154	11.7846154	13.3615385	2.230106	0.08656233	0.11696166	0.06828707	0.0774	0.01
ormal Ov Epithelial 72 hr control	351		0.1518	0.1547	0.0661	0.0688	0.0717		9.96923077		9.76153846	0.29372128	0.05268198	0.0549725	0.05743269	0.0550	0.00
ormal Ov Epithelial 72 hr 1000 ug/ml talc	353		0.1362	0.1467	0.0721	0.0532	0.0637			9.18461538	9.83076923	0.91379953	0.07782681	0.05992299	0.07771144	0.0550	0.00
	b	0.0868	0.0876	0.0746	0.083						0.00010020	0.0.010000	0.01.02001	0.00002233	0.01211144	0.0753	0.00

	fold increase	fold increase	fold increase	Average	SD
0490 To 214	1.02745665	0.5765896	1.76156069	1.39450867	0.51908995
100 2100	4.03703704	4.7037037	11.0740741	4.37037037	0.47140452
	1.35194585	0.72250423	2.11336717	1.73265651	0.53840618

Media Calculations for OV90, 21a, Normal OV. Epi Were used your SPI absolvant

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Seed	72 hour	1000 ug/mi	tale EOC
		//	

SKW-3 and AZ780 perdic 4x106 cerb

Treat Skar-3 and Az780 today 1/29/18 25ml of media

(x) (100 mg/ml) = (25 ml) (1000 mg/ml) x = 250 ml

Treat TOV21G 1/30/18

1/31/18 - The presence of 1000 yelme is physically Kitting the cells.

We need to decrease dose.

Treat EOC witale

- Needed to lune who dose of talc (in	PBS/ rsaline)
	72 hours 2 x 2 Assault and 2 x 2
	GASTAN SARDAN HORNING ARMS DANNES AND
- Seeded 1×106 cub ID	Comm dear, 5ml
- ELI unt 356	25ml of nothin
ELI Syglml 357	Et-1 control-5, 379
ELI 2014/mi 358	Control-low 380
ELI 100 yg/m 359	locoughy tale 381
- Skov-3 unt 366	5KCV-3 CORPOT 5 382
5 ug/ml 361	Control 1000 383
20 Mg/me 362	1000 cylmatale 384
100 y/ml 363	A2780 Control 5 385
100 y ml 363 - TOV1120 unt 364	Control 1000 386
5 mg/m 365	1000 rg/mitale 387
20 juliu 366	Numal WEpi - Unt 388 - 383
100 yepny 367	5 5 Jugine 389 (384)
	20 390 1385
5 ug/mi 369	100 1000 391 DIC 386
20 ughu 370	1000 302
20 jughnu 370 100 jughnu 371	Control 5 393
- 0190 unt 372	Control 1000 394
5 yelml 373 20 yelml 374	TOULD GONTPULS BOX
20 what 374	
FT 33 100 rylin 375	1000 mg mu tale 347
No Transman unt 379	19 spelling incom
5yg/m 380	
26 384 OK	
100 382	
1000 893	
Company 377	
August 1000 378	
V-1	

Prepare talc
Prepare talc 100 mg in 10ml -> mixand filter = 10 mg/ml
2/2/18 treated w/ tule
(x)(10000 yg/ml) = (5ml)(5yg/ml) = 2.5ml
(x) (10000 ygmi) = (5mc) (20 ygmi) = 10 mg
(x) (10000 yg/m) = (5ml) (20 yg/ml) = 10 ml (x) (10000 yg/m) = (5ml) (100 yg/ml) = 50 ml
2/6/18
treat u/ "soaked" fale (10000 ng/mL)
treat u/ "Soaked" tale (10000 ng/ml) "tale was vocked for 72 hours, spun and Supernatent collected
* too much volume
made 19/10 ml DMSO - Re-Soak 72hr
\$17/18 peeded Namae Ov. Epi Cello 1x106 -> freat Friday 2/8/18
(delle 1883 + thesoay of some
SPB NOE Sugare 3824
20 mg/ml 385
(100) my/m 386

#	Sample ID	Date and Time	Nucleic Acid Conc.	Unit	A260	A280	260/280	260/230	Sample Type	Facto
1	356	2/5/2018 1:18:50 PM	0.0830	μg/μl	2.074	1.109	1.87	1.30	RNA	40.00
2	357	2/5/2018 1:19:20 PM	0.1000	µg/µl	2.500	1.342	1.86	1.18	RNA	40.00
3	358	2/5/2018 1:19:39 PM	0.0829	µg/µl	2.073	1.118	1.85	1.26	RNA	40.00
4	359	2/5/2018 1:20:00 PM	0.0349	µg/µl	0.873	0.476	1.84	0.39	RNA	40.00
5	360	2/5/2018 1:20:24 PM	0.2387	μg/μl	5.968	2.966	2.01	0.78	RNA	40.00
6	361	2/5/2018 1:20:43 PM	0.3389	µg/µl	8.473	4.194	2.02	1.15	RNA	40.00
7	362	2/5/2018 1:21:04 PM	0.3017	µg/µl	7.542	3.837	1.97	1.47	RNA	40.00
8	363	2/5/2018 1:21:20 PM	0.1118	μg/μl	2.796	1.465	1.91	1.53	RNA	40.00
9	368	2/5/2018 1:21:41 PM	0.2203	µg/µl	5.508	2.880	1.91	1.34	RNA	40.00
10	369	2/5/2018 1:21:57 PM	0.2474	µg/µl	6.185	3.187	1.94	2.03	RNA	40.00
11	370	2/5/2018 1:22:12 PM	0.2217	µg/µl	5.541	2.855	1.94	1.63	RNA	40.00
	371	2/5/2018 1:22:29 PM		µg/µl	3.340	1.726	1.93	1.42	RNA	40.00

Total Control	#	Sample ID	Date and Time	Nucleic Acid Conc.	Unit	A260	A280	260/280	260/230	Sample Type	Factor
	1	379	2/16/2018 9:27:37 AM	0.1685	μg/μl	4.212	2.034	2.07	1.01	RNA	40.00
	2	380	2/16/2018 9:27:55 AM	0.0658	μg/μl	1.645	0.713	2.31	3.02	RNA	40.00
	3	381	2/16/2018 9:28:13 AM	0.0801	μg/μΙ	2.003	0.891	2.25	0.96	RNA	40.00
	4	382	2/16/2018 9:28:30 AM	0.3084	μg/μl	7.711	3.759	2.05	2.24	RNA	40.00
	5	383	2/16/2018 9:28:51 AM	0.2921	μg/μl	7.303	3.582	2.04	1.09	RNA	40.00
	6	384	2/16/2018 9:29:10 AM	0.1812	μg/μl	4.531	2.179	2.08	2.15	RNA	40.00
	7	385	2/16/2018 9:29:29 AM	0.0869	μg/μl	2.172	0.971	2.24	1.31	RNA	40.00
	8	386	2/16/2018 9:29:51 AM	0.0116	μg/μl	0.289	-0.017	-16.61	-5.65	RNA	40.00
	9	387	2/16/2018 9:30:11 AM	0.0133	μg/μl	0.332	0.013	25.53	-15.74	RNA	40.00_
	10	395	2/16/2018 9:30:29 AM	0.2169	μg/μΙ	5.421	2.598	2.09	0.65	RNA	40.00
	11	397	2/16/2018 9:30:51 AM	0.1328	μg/μl	3.321	1.575	2.11	2.26	RNA	40.00
	12	396	2/16/2018 9:31:08 AM	0.1633	μg/μl	4.084	1.949	2.10	2.47	RNA	40.00

#	Sample ID	Date and Time	Nucleic Acid Conc.	Unit	A260	A280	260/280	260/230	Sample Type	Factor
		2/16/2018 9:49:26 AM	0.2401	μg/μl	6.003	2.879	2.09	1.78	RNA	40.00
17		2/16/2018 9:49:46 AM		µg/µl	6.044	2.939	2.06	1.27	RNA	40.00
		2/16/2018 9:50:01 AM		ug/ul	5.106	2.459	2.08	1.88	RNA	40.00
		2/16/2018 9:50:16 AM			-	2.026		1.83	RNA	40.00

0.5 ug RNA Reaction		
ID	ul RNA	ul water
356	6.0	10.0
357	5.0	11.0
358	6.0	10.0
359	14.3	1.7
360	2.1	13.9
361	1.5	14.5
362	1.7	14.3
363	4.5	11.5
364	2.1	13.9
365	2.1	13.9
366	2.4	13.6
367	2.9	13.1
368	2.3	13.7
369	2.0	14.0
370	2.3	13.7
371	3.7	12.3
379	3.0	13.0
380	7.6	8.4
381	6.2	9.8
382	1.6	14.4
383	1.7	14.3
384	2.8	13.2
385	5.8	10.2
386	16.0	0.0
387	16.0	0.0
395	2.3	13.7
397	3.8	12.2
396	3.1	12.9

